

Commonwealth of Massachusetts
Department of Telecommunications and Energy
Fitchburg Gas and Electric Light Company
Docket No. D.T.E. 02-24/25
Record Request Response

Record Request No.: DTE-RR-21 (Electric)

Please determine how much of a discount the three customers that are on R-4 would be receiving under your proposed rates versus rates in effect on August 1997, adjusted for inflation?

Response:

Please see Attachment DTE-RR-21. This is the Electric Division's standard comparison versus August 1997 Benchmark rates adjusted for inflation. The comparison rates on the left are August 1997 rates and an inflation adjustment of 12.3% is applied to all rate components (similar to Schedule KMA-7). In addition, under the proposed rates, the Standard Offer Service Fuel Adjustment has been omitted, since that is considered to be a surcharge outside the annual inflation adjustment.

The attachment demonstrates the rate impacts of the Electric Division's proposed RD-1 rates versus the inflation adjusted August 1997 RD-4 rates for the three affected customers. Each month's kWh consumption in the test year is shown for each customer, and the overall average is computed for each customer. On average, the three customers will receive approximately 16.5%, 14.4%, and 10.4% discounts.

Person Responsible: Karen M. Asbury

Fitchburg Gas and Electric Light Company
Standard Offer Service Typical Bill Analysis - May 17, 2002 Electric Division Rate Request
Impact on RD-4 Rate Customers

	On Peak kWh	Off Peak kWh	Total kWh	Present Rates Total Revenue	Proposed Rates Total Revenue	Total Difference	% Total Difference
Customer 1	1,077	998	2,075	\$307.88	\$243.04	(\$64.85)	-21.1%
Customer 1	515	727	1,242	\$173.86	\$146.68	(\$27.18)	-15.6%
Customer 1	532	643	1,175	\$170.93	\$138.93	(\$32.00)	-18.7%
Customer 1	394	603	997	\$140.03	\$118.34	(\$21.69)	-15.5%
Customer 1	315	474	789	\$114.30	\$94.28	(\$20.02)	-17.5%
Customer 1	446	584	1,030	\$149.09	\$122.16	(\$26.93)	-18.1%
Customer 1	343	674	1,017	\$135.11	\$120.66	(\$14.45)	-10.7%
Customer 1	434	614	1,048	\$148.94	\$124.24	(\$24.70)	-16.6%
Customer 1	491	831	1,322	\$176.89	\$155.94	(\$20.95)	-11.8%
Customer 1	389	611	1,000	\$139.62	\$118.69	(\$20.93)	-15.0%
Customer 1	430	675	1,105	\$152.75	\$130.84	(\$21.92)	-14.3%
Customer 1	<u>446</u>	<u>591</u>	<u>1,037</u>	<u>\$149.62</u>	<u>\$122.97</u>	<u>(\$26.65)</u>	<u>-17.8%</u>
Average 1	484	669	1,153	\$163.25	\$136.40	(\$26.86)	-16.5%
Customer 2	313	477	790	\$114.13	\$94.40	(\$19.73)	-17.3%
Customer 2	599	947	1,546	\$207.49	\$181.85	(\$25.64)	-12.4%
Customer 2	628	852	1,480	\$206.15	\$174.21	(\$31.94)	-15.5%
Customer 2	501	758	1,259	\$173.38	\$148.65	(\$24.73)	-14.3%
Customer 2	246	455	701	\$98.93	\$84.10	(\$14.82)	-15.0%
Customer 2	445	793	1,238	\$164.72	\$146.22	(\$18.50)	-11.2%
Customer 2	569	725	1,294	\$184.61	\$152.70	(\$31.91)	-17.3%
Customer 2	525	626	1,151	\$168.23	\$136.16	(\$32.07)	-19.1%
Customer 2	513	688	1,201	\$170.50	\$141.94	(\$28.56)	-16.8%
Customer 2	515	759	1,274	\$176.28	\$150.38	(\$25.90)	-14.7%
Customer 2	478	805	1,283	\$172.30	\$151.42	(\$20.87)	-12.1%
Customer 2	<u>501</u>	<u>935</u>	<u>1,436</u>	<u>\$186.79</u>	<u>\$169.12</u>	<u>(\$17.67)</u>	<u>-9.5%</u>
Average 2	486	735	1,221	\$168.62	\$144.26	(\$24.36)	-14.4%
Customer 3	1,628	2,404	4,032	\$525.67	\$469.40	(\$56.27)	-10.7%
Customer 3	1,425	2,176	3,601	\$467.40	\$419.55	(\$47.86)	-10.2%
Customer 3	1,452	1,961	3,413	\$456.57	\$397.80	(\$58.77)	-12.9%
Customer 3	936	1,594	2,530	\$324.56	\$295.67	(\$28.90)	-8.9%
Customer 3	859	1,012	1,871	\$264.92	\$219.44	(\$45.48)	-17.2%
Customer 3	14	867	881	\$83.29	\$104.93	\$21.64	26.0%
Customer 3	513	844	1,357	\$182.32	\$159.98	(\$22.33)	-12.2%
Customer 3	497	647	1,144	\$164.16	\$135.35	(\$28.82)	-17.6%
Customer 3	366	875	1,241	\$154.98	\$146.57	(\$8.41)	-5.4%
Customer 3	539	1,205	1,744	\$214.92	\$204.75	(\$10.17)	-4.7%
Customer 3	955	1,392	2,347	\$313.09	\$274.50	(\$38.60)	-12.3%
Customer 3	<u>1,207</u>	<u>1,770</u>	<u>2,977</u>	<u>\$392.62</u>	<u>\$347.37</u>	<u>(\$45.25)</u>	<u>-11.5%</u>
Average 3	866	1,396	2,262	\$295.38	\$264.61	(\$30.77)	-10.4%

Benchmark Rates - Effective 8/1/97:

	RD-4	
Delivery Charges:	On Peak kWh	Off Peak kWh
Customer Charge	\$13.16	
Internal Transmission	\$0.00368	\$0.00031
External Transmission	\$0.00000	\$0.00000
Transmission Subtotal	\$0.00368	\$0.00031
Distribution	\$0.06798	\$0.00581
Seabrook Amortization Surcharge	\$0.00819	\$0.00819
Distribution Subtotal	\$0.07617	\$0.01400
Conservation Charge	\$0.00141	\$0.00141
Access Charge	\$0.07057	\$0.02374
Supplier Charges:		
Generation Charge*	\$0.02800	\$0.02800
Total	\$0.17983	\$0.06746
Inflation Adjustment	12.3%	12.3%

Proposed Rates - Effective 6/1/2002:

	RD-1
Delivery Charges:	kWh
Customer Charge	\$3.02
Internal Transmission	\$0.00233
External Transmission	\$0.00158
Transmission Subtotal	\$0.00391
Distribution	\$0.04475
Seabrook Amortization Surcharge	\$0.00819
Distribution Subtotal	\$0.05294
Energy Efficiency Charge	\$0.00250
Renewable Resources Charge	\$0.00075
Default Service Adjustment	\$0.00000
Transition Charge	\$0.01357
Supplier Charges:	
Generation Charge*	\$0.04200
Total	\$0.11567

* Standard Offer Service, excluding Fuel Adjustment